

INSPECTOR

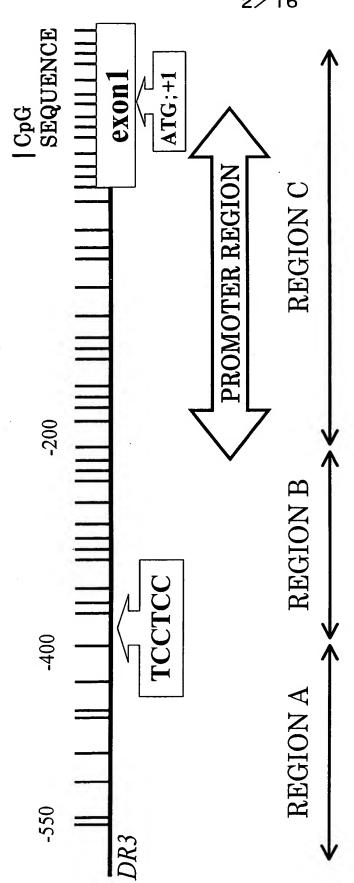


FIG. 2

3/16 UNMETHYLATION AND METHYLATION REGION B REGION C UNMETHYLATION AND METHYLATION N N METHYLATION UNMETHYLATION UNMETHYLATION AND METHYLATION **METHYLATION**

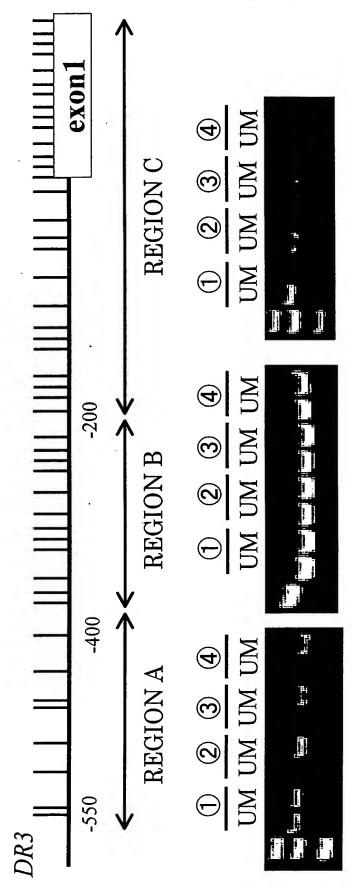
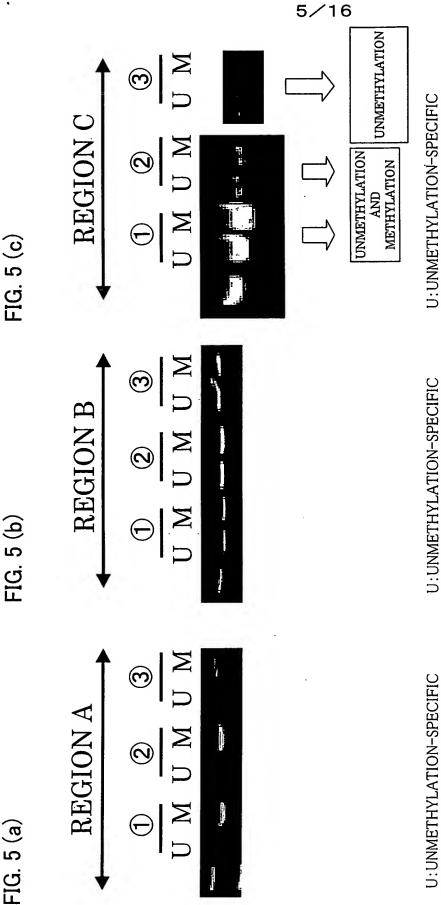


FIG. 4

U: UNMETHYLATION-SPECIFIC PRIMERS

M: METHYLATION-SPECIFIC PRIMERS ①~④:PERIPHERAL BLOOD LYMPHOCYTES FROM HEALTY SUBJECTS



PRIMERS

M:METHYLATION-SPECIFIC PRIMERS.

M:METHYLATION-SPECIFIC

M:METHYLATION-SPECIFIC

PRIMERS

PRIMERS

PRIMERS

PRIMERS

②:SINOVIAL INFILTRATIVE

③:JOINT FLUID LYMPHOCYTE

(D:SINOVIAL CELL DNA

LYMPHOCYTE DNA

3:JOINT FLUID LYMPHOCYTE

③:JOINT FLUID LYMPHOCYTE

②:SINOVIAL INFILTRATIVE

LYMPHOCYTE DNA

(D:SINOVIAL CELL DNA

②:SINOVIAL INFILTRATIVE

LYMPHOCYTE DNA

①:SINOVIAL CELL DNA

		KE	REGION A	A N	ᅺ	KEGION B	N B		몫	REGION C	C	
	Z	D	U/M M	×	n	U U/M M	M		l U	U U/M M	M	
PBMC												
Healthy	6	0	0	6	0	6	0		6	0	0	
RA	10	0	0	10	0	10	0		10	0	0	
SAC												
OA	15	0	4	11	0	15	0		9	∞	-	
ΒÀ	24	0	0	24	0	22	7	٠	0	15	6	

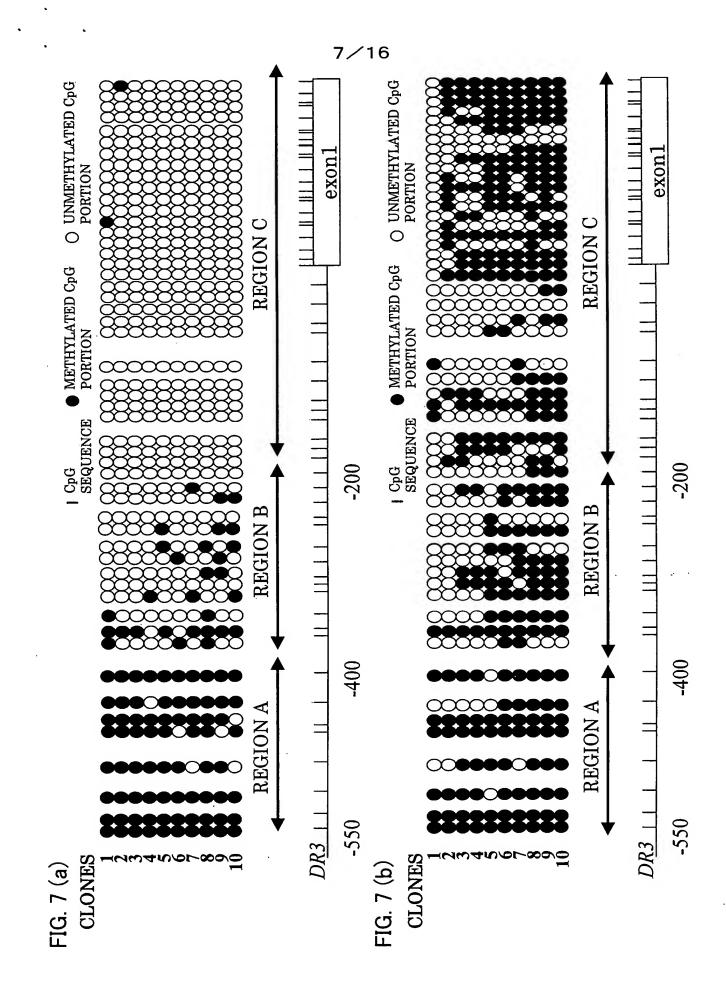
N: THE NUMBER OF SAMPLES PBMC: PERIPHERAL BLOOD LYMPHOCYTES

SAC: SINOVIAL CELLS

U: UNMETHYLATION

U/M: UNMETHYLATION AND METHYLATION

M: METHYLATION



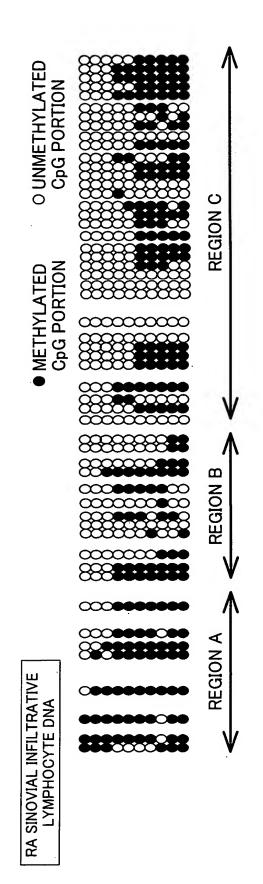


FIG. 8

FIG. 9

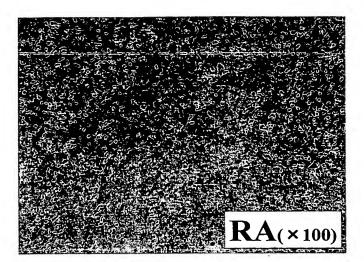


FIG. 10 (a)

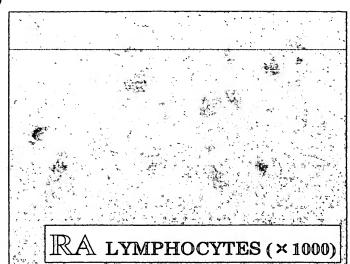


FIG. 10 (b)

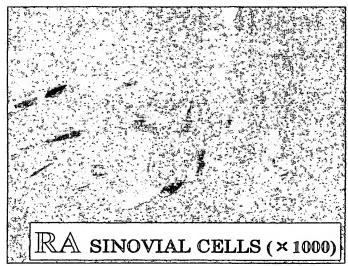
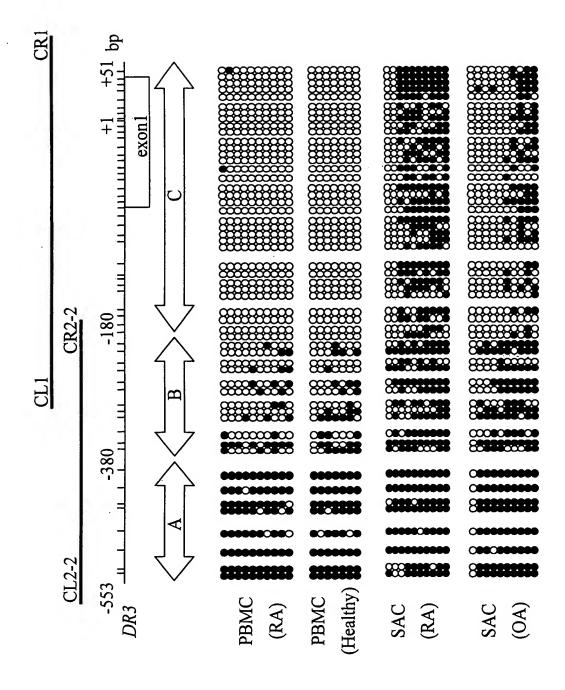


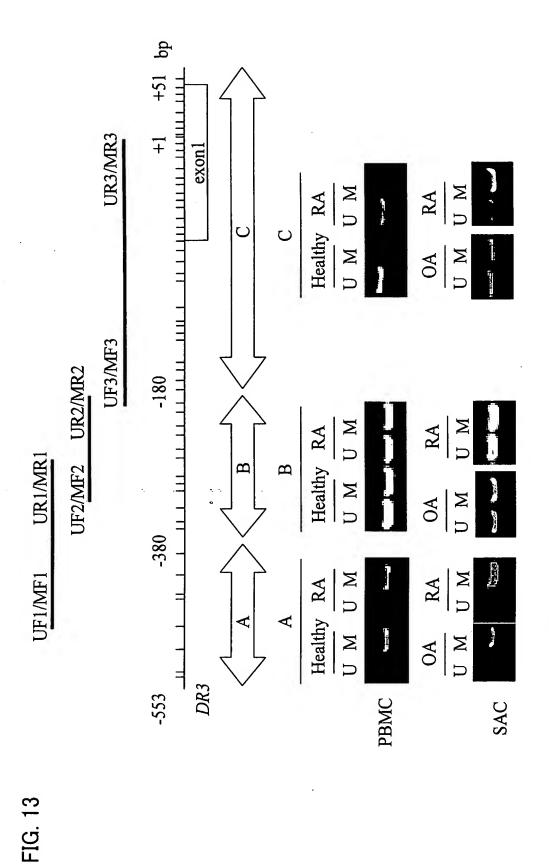
FIG. 11



Sample 1 Sample 2 Sample 3 Jurkat



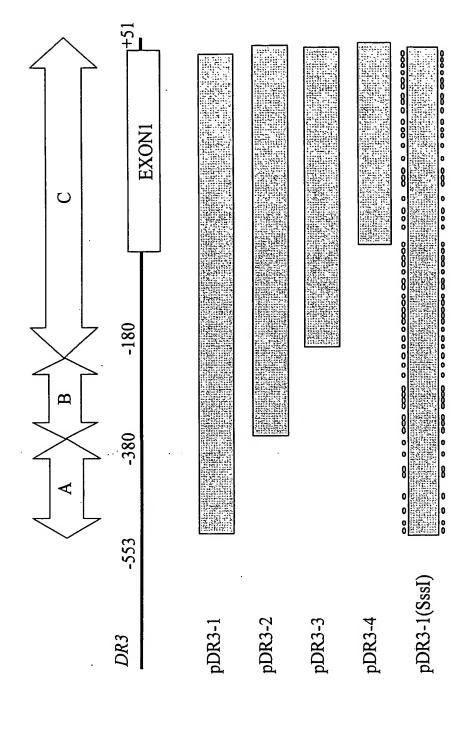
I: CpG SEQUENCE : METHYLATED CpG PORTION O: UNMETHYLATED CpG PORTION PBMC: PERIPHERAL BLOOD LYMPHOCYTES SAC: SINOVIAL CELLS C: REGION C A: REGION A B: REGION B



M: METHYLATION-SPECIFIC PRIMERS

U: UNMETHYLATION-SPECIFIC PRIMERS

SAC: SINOVIAL CELLS PBMC: PERIPHERAL BLOOD LYMPHOCYTES



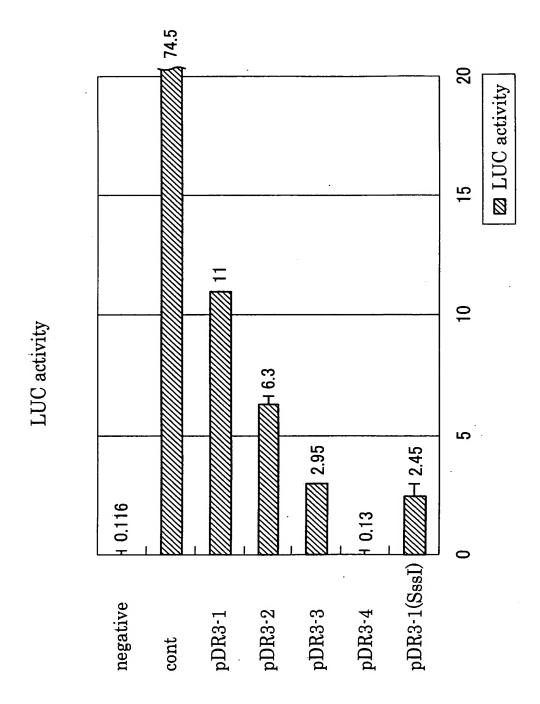
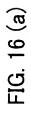


FIG. 15



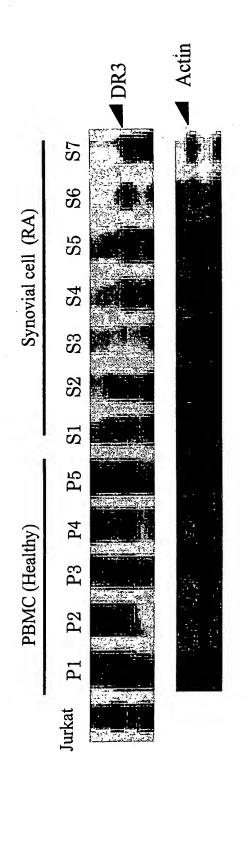


FIG. 16 (b)

Synovial cell (RA)	S1 S2 S3 S4 S5 S6 S7	UMUMUMUMUMUMUMUMUM	
PBMC (Healthy)	P1 P2 P3 P4 P5	UMUMUMUMUMUM	